

In re Patent Application of
Stephen E. Frazier
Serial No. To Be Assigned
Filed Date Herewith

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cont

carbonate and ammonium sulfate, and drying the activated carbon. A chlorine removal device for removing chlorine from potable water includes a predetermined quantity of the enhanced activated carbon produced by the process and a water permeable holder containing the predetermined quantity of enhanced activated carbon.

In the Claims:

Please cancel without prejudice Claims 1 through 63, and enter the new claims set forth below.

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64. A process of making enhanced activated carbon having an increased capacity for adsorbing chlorine in potable water, comprising:

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a) contacting activated carbon with an aqueous solution of up to about 10% by weight of an enhancing compound selected from the group consisting of potassium iodide, ammonium carbonate and ammonium sulfate; and

b) drying the activated carbon.

65 2. The process of Claim 1, wherein contacting is for a time sufficient to saturate the activated carbon with the enhancing compound.

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66⁶⁴
8. The process of Claim ~~1~~⁶⁴, wherein drying is accomplished by heating without reaching ignition temperature.

67⁶⁴
A. A chlorine removal device for removing chlorine from potable water, said device comprising:

a) a predetermined quantity of the enhanced activated carbon produced by the process of Claim ~~1~~⁶⁴; and

b) a water permeable holder containing said predetermined quantity of enhanced activated carbon.

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8. The chlorine removal device of Claim ~~1~~⁶⁷ further comprising a member effective for a user to manually handle the device.

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8. The chlorine removal device of Claim ~~1~~⁶⁸, wherein said member comprises a string.

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7. The chlorine removal device of Claim ~~1~~⁶⁸, wherein said member comprises a handle.

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8. The chlorine removal device of Claim ~~1~~⁶⁴, wherein said water permeable holder comprises paper.

72⁶⁴
8. The chlorine removal device of Claim ~~1~~⁶⁴, wherein said water permeable holder comprises a plastic material.

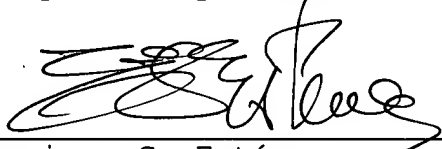
73⁶⁴
10. The chlorine removal device of Claim ~~1~~⁶⁴ in combination with an automatic beverage maker having a water reservoir, wherein

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cont.
the chlorine removal device is positioned within the water reservoir so as to contact water therein for a time sufficient to remove chlorine from the water.

74 11. The chlorine removal device of Claim 1, wherein the automatic beverage maker comprises a coffee maker. 64

Respectfully submitted,


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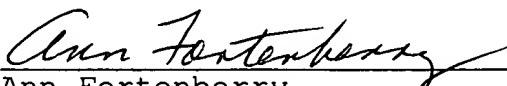
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on the date indicated below and is addressed to BOX PATENT APPLICATIONS-DIV, Assistant Commissioner for Patents, Washington, D.C. 20231 on this 6th day of August, 2001.


Ann Fortenberry